

Title (en)
Process for forming an ablation image

Title (de)
Bilderzeugungsverfahren durch Ablation

Title (fr)
Procédé de formation d' image par ablation

Publication
EP 1129859 B1 20051012 (EN)

Application
EP 01200550 A 20010216

Priority
US 51514600 A 20000229

Abstract (en)
[origin: EP1129859A1] A process of forming a single color, ablation image comprising imagewise heating by means of a laser in the absence of a separate receiving element, an ablative recording element comprising a support having thereon, in order, a barrier layer and a colorant layer comprising a colorant dispersed in a polymeric binder, the colorant layer having an infrared-absorbing material associated therewith, the laser exposure taking place through the colorant side of the element, and removing the ablated colorant to obtain the image in the ablative recording element, wherein the barrier layer comprises a thin metal film having a UV optical density up to 3.0.

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B41M 5/24

IPC 8 full level
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CPC (source: EP US)
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Cited by
EP2246198A1; CN105143980A; US10259256B2; US8314828B2; WO2010125185A3; WO2014172136A1; US8945813B2; US9250527B2

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